

Serial No. 09/928,415

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REMARKS

The Applicants request reconsideration of the rejection.  
Claims 1, 4-6, and 12-17 are now pending.

The Abstract of the Disclosure has been rewritten to  
address the Examiner's concern on page 2 of the Office Action.

A new title of the invention has also been provided, as  
required by the Examiner.

The Examiner objected to claim 7, and rejected claims 8  
and 9 under 35 U.S.C. § 112, first paragraph, as set forth on  
page 3 of the Office Action. Without admitting to the  
propriety of the invention, claims 7-9 have been canceled,  
rendering these issues moot.

Claims 1 and 7 were rejected under 35 U.S.C. § 102(e) as  
being anticipated by Liu, et al., U.S. Patent Application  
Publication No. 2002/0039248 (Liu). Further, claims 2 and 10  
were rejected under 35 U.S.C. § 103(a) as being unpatentable  
over Liu in view of Nazarian, et al., U.S. Patent No.  
6,310,742 (Nazarian). Finally, claims 3 and 11 were rejected  
under 35 U.S.C. § 103(a) as being unpatentable over Liu in  
view of Melrose, et al., U.S. Patent No. 6,549,362 (Melrose).  
The Applicants traverse these rejections as follows.

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As amended, independent claim 1 calls for compensating means for compensating signals for controlling the positioning means on the basis of compensation values corresponding to a plurality of zones divided in the radial direction of the magnetic disk. On the other hand, Liu discloses how to isolate cross-track repeatable written-in repeatable run-out (CTR-WIRRO) errors from cross-track non-repeatable written-in repeatable run-out (CTNR-WIRRO) errors, by storing compensation values in a ZAP table in correspondence to data tracks, not zones. Thus, claim 1 is patentable over Liu.

Claims 2-3, 7, 10, and 11 have been canceled without prejudice, rendering moot their rejections.

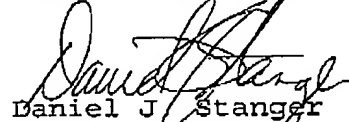
New claims 12-17 are dependent claims which are derived from claim 1, and thus inherit its patentability. Note, additionally, that claims 16-17 recite the storage of repeatable runout average values and compensation values based thereon, respectively. In providing compensation values in correspondence with a plurality of zones divided in the radial direction, as claimed, memory space is utilized more efficiently and thus conserved better than in the case of compensation values stored in correspondence to data tracks, as taught by Liu. Accordingly, the separate patentability of these claims is demonstrated here.

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In view of the foregoing amendments and remarks, the Applicants request reconsideration of the rejection and allowance of the claims.

Respectfully submitted,



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Date: June 7, 2004